	Learning	g to Fly: The Wright I	Brother's Adventure			
2007 Mathematics Academic Standards						
Grade 6						
Activity/Lesson	State	Standards				
New Data	MN	MA.6.6.3.3.1	Solve problems in various contexts involving conversion of weights, capacities, geometric measurements and times within measurement systems using appropriate units.			
1902: Success at			Understand that percent represents parts out			
Last	MN	MA.6.6.1.1.3	of 100 and ratios to 100.			
1902: Success at			Apply the relationship between ratios, equivalent fractions and percents to solve problems in various contexts, including those			
Last	MN	MA.6.6.1.2.2	involving mixtures and concentrations.			
1902: Success at Last	MN	MA.6.6.1.3.3	Calculate the percent of a number and determine what percent one number is of another number to solve problems in various contexts.			
			Solve problems in various contexts involving			
1902: Success at			conversion of weights, capacities, geometric measurements and times within measurement systems using appropriate			
Last	MN	MA.6.6.3.3.1	units.			
1903: Powered			Determine the rate for ratios of quantities			
Flight	MN	MA.6.6.1.2.3	with different units.			
1903: Powered Flight	MN	MA.6.6.3.3.1	Solve problems in various contexts involving conversion of weights, capacities, geometric measurements and times within measurement systems using appropriate units.			
1903: Powered Flight	MN	MA.6.6.3.3.2	Estimate weights, capacities and geometric measurements using benchmarks in measurement systems with appropriate units.			
1904: Improvement in Dayton	MN	MA.6.6.3.3.1	Solve problems in various contexts involving conversion of weights, capacities, geometric measurements and times within measurement systems using appropriate units.			
1905: Complete a			Solve problems in various contexts involving conversion of weights, capacities, geometric measurements and times within measurement systems using appropriate			
Flight at Last	MN	MA.6.6.3.3.1	units.			
Learning to Fly: The Wright Brother's Adventure						
2007 Mathematics						
Academic Standards						

Minnesota Mathem	natics				
Grade 7	_				
Activity/Lesson	State	Standards			
			Demonstrate an understanding of the		
			relationship between the absolute value of a		
1902: Success at			rational number and distance on a number		
Last	MN	MA.7.7.1.2.6	line. Use the symbol for absolute value.		
			Calculate probability as a fraction of sample		
1000 0			space or as a fraction of area. Express		
1902: Success at		NAA 7 7 4 0 0	probabilities as percents, decimals and		
Last	MN	MA.7.7.4.3.2	fractions.		
			Understand that division of two integers will		
4000: Davis and			always result in a rational number. Use this		
1903: Powered	NANI	MA 77440	information to interpret the decimal result of		
Flight	MN	MA.7.7.1.1.2	a division problem when using a calculator.		
			Demonstrate an understanding of the		
1000: Dawarad			relationship between the absolute value of a		
1903: Powered	NANI	MA 7740C	rational number and distance on a number		
Flight	MN	MA.7.7.1.2.6	line. Use the symbol for absolute value.		
			Represent proportional relationships with		
			tables, verbal descriptions, symbols,		
			equations and graphs; translate from one		
1002: Dowered			representation to another. Determine the unit		
1903: Powered	NANI	MA 77001	rate (constant of proportionality or slope)		
Flight	MN	MA.7.7.2.2.1	given any of these representations.		
	Learning	g to Fly: The Wright I	Brother's Adventure		
		2007 Mathem			
		Academic Stan	ndards		
Minnesota Mathem	natics				
Grade 8	01-1-	01			
Activity/Lesson	State	Standards	Determine the distance between two reliefs		
			Determine the distance between two points		
			on a horizontal or vertical line in a coordinate		
1000: 0::			system. Use the Pythagorean Theorem to		
1902: Success at	NAN I	MA 0 0 0 4 0	find the distance between any two points in a		
Last	MN	MA.8.8.3.1.2	coordinate system.		
			Represent arithmetic sequences using		
1000: Dawarad			equations, tables, graphs and verbal		
1903: Powered	NANI	MA 0 0 2 2 4	descriptions, and use them to solve		
Flight	MN	MA.8.8.2.2.4	problems.		
			Represent geometric sequences using		
1002: Downered			equations, tables, graphs and verbal		
1903: Powered	MNI	MAGGGG	descriptions, and use them to solve		
Flight	MN	MA.8.8.2.2.5	problems.		
			Determine the distance between two points		
			on a horizontal or vertical line in a coordinate		
1003: Powered			system. Use the Pythagorean Theorem to		
1903: Powered	MN	MA.8.8.3.1.2	find the distance between any two points in a		
Flight	IVIIN	IVIA.0.0.3.1.2	coordinate system.		
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2007 Mathematics							
Academic Standards							
Minnesota Mathematics							
Grades 9-11							
Activity/Lesson	State	Standards					
			Make reasonable estimates and judgments				
1903: Powered		MA.9-	about the accuracy of values resulting from				
Flight	MN	11.9.3.1.5	calculations involving measurements.				